

ABSTRACT OF THE DISCLOSURE

Disclosed is a track-search control circuit for performing track-search of an optical disc stably even at the time of multi-speed reproduction of the optical disc. The track search control circuit comprises a circuit for detecting the light beam having traversed the track when the light beam moves in the radial direction of the optical disc and generating a normal direction on-track signal FVACLR at the time of being on the track and a normal direction off-track signal FVBCLR at the time of being off the track, a first measurement circuit that starts time measurement at the time of generating the normal direction on-track signal, a second measurement circuit that starts time measurement at the time of generating the normal direction off-track signal, circuits which detect the error between a moving velocity of the optical beam in the radial direction of the optical disc and a target velocity based on a measurement output by the first measurement circuit and a measurement output by the second measurement circuit, and a correction circuit for correcting the moving velocity of the optical beam in the radial direction based on the detected error signal.

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